AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions of claims in the application:

Claims 1 – 15. (Cancelled)

Claim 16. (Currently Amended) A ~~An arrangement~~ system for testing an implant attached to a bone, the ~~arrangement~~ system comprising:

a member adapted to be releasably attached to said implant, and

detecting means for detecting at least one resonance frequency of the member when it is attached to the implant,

wherein said member comprises a magnetic ~~detectable~~ part and said detecting means comprises a electromagnetic detector for contactless detection of said ~~detectable~~ magnetic part.

Claim 17. (Cancelled)

Claim 18. (Previously Presented) The arrangement according to claim 16 wherein said detector comprises a coil.

Claim 19. (Previously Presented) The arrangement according to claim 16, further comprising an amplifier, a processor, and a data storing arrangement.

Claim 20. (Previously Presented) The arrangement according to claim 16, wherein signals detected by the detector are amplified by said amplifier and applied as an input to be analysed; the analysed output, which represents a ratio of a response voltage to the excitation, is fed to said processor, which varies the frequency output of the oscillator of the analyser, and stores the results in said data storing arrangement.

Claims 21 – 23. (Cancelled)

Claim 24. (Previously Presented) The arrangement according to claim 16, wherein said detectable part consists of a ferromagnetic material.

Claim 25. (Currently Amended) The arrangement according to claim [[24]] 20, wherein said detector comprises a coil for detecting disturbances in an external magnetic field.

Claim 26. (Previously Presented) The arrangement according to claim 16, wherein the member comprises a cantilever beam.

Claim 27. (Previously Presented) The arrangement according to claim 26, wherein the beam is arranged or adapted to resonate at a frequency within the range of about 1 to 20 kHz.

Claim 28. (Previously Presented) The arrangement according to claim 16, wherein said member is disposable.

Claim 29. (Previously Presented) A disposable implant testing part provided for testing an implant attached to a bone, said part comprising a detectable part, detectable contactless by means of a detector.

Claim 30. (Previously Presented) The arrangement according to claim 27, wherein the beam is arranged or adapted to resonate at a frequency within the range of about 1 to 10 kHz.

Claim 31. (Previously Presented) The arrangement according to claim 30, wherein the beam is arranged or adapted to resonate at a frequency of about 8 kHz.

Claim 32. (New) A testing equipment for testing an implant configured to be attached to a bone, the testing equipment comprising:

a probe portion adapted to be positioned spaced from said implant in vicinity of said implant and comprises an electromagnetic detection part,

a signal processing unit being configured to receive a signal from said probe portion, and

an output arrangement configured to output a result from said signal processing unit.

Claim 33. (New) The equipment of claim 32, wherein said result corresponds to a resonance frequency of the of said implant, which represents a ratio of a response voltage when a magnetic part coupled to said implant is excited.

Claim 34. (New) The equipment of claim 32, wherein said signal processing unit is further configured to vary a frequency output of an oscillator, and stores the results in said data storing arrangement.